Title (en)

MOULDED ARTICLE DESIGNED TO ABSORB AIRBORNE SOUND

Title (de)

LUFTSCHALL ABSORBIERENDES FORMTEIL

Title (fr)

PIECE MOULEE QUI ABSORBE LE BRUIT AERIEN

Publication

EP 0666806 B1 19960612 (DE)

Application

EP 93924595 A 19931105

Priority

- DE 4237513 A 19921107
- DE 9215132 U 19921107
- US 43387595 A 19950502
- EP 9303101 W 19931105

Abstract (en)

[origin: US5652415A] A molded article for the absorption of airborne sound, to be used principally in the engine compartment of motor vehicles and particularly as a sound absorber inside partial and complete motor encapsulations, is formed by a porous absorber (1) of which the core (6), being sealed on both sides (7,8) over its complete surface by a respective PU film of a thickness less than 90 mu m, is made from an open-pored PU (polyurethane) foam of a thickness of at least 3 mm and about 15 mm at the most. The core comprises cavities (2-4) originating on the bottom face and formed by the injection molding process, said cavities being open only towards the bottom face (5) and having different cavity volumes and different heights (11) measured from the bottom face (5).

IPC 1-7

B60R 13/08; G10K 11/16; B32B 3/12

CPC (source: EP KR US)

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Cited by

CN113757817A; WO2006048304A3

Designated contracting state (EPC)

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